

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	48	("6226425" "6226425" "6137508" "6154583" "4390987" "4589108" "4908818" "5243599" "5287472" "5352987" "5446809" "5594367" "5748349" "5787299" "5811985" "6014480" "6049525" "6122095" "6122096" "6169750" "6169754" "6219336" "6219336" "6275510" "6359859" "20020186725" "20070058975" "4313160" "4878215" "4905238" "5282210" "5598402" "6205270" "4409683" "4926423" "4939723" "5384499" "5457556" "5515367" "5564021" "5608665" "5729692" "5751199" "5942914" "6011774" "4103110" "4105869" "4247937" "4254496" "4274706" ).pn.	US-PGPUB; USPAT	OR	OFF	2007/09/11 14:25
S16	10	("3637941"   "4380064"   "4635250"   "4661976"   "4671357").PN. OR ("4878215"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/11 17:09
S23	20	SPST same (switch adj matrix)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 17:23
S24	23	SPST same (switch near2 matrix)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 17:24
S26	15	SPST and (switch near2 matrix) and decoder and register	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 17:30
S27	367	(switch adj matrix) near6 multiplex\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 17:48
S29	501	(switch adj matrix) with multiplex\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 17:47
S31	593	(switch near2 matrix) near6 multiplex\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 08:49
S32	10	spst and S31	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 08:01

## EAST Search History

S35	9582	(switch adj matrix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 09:14
S36	7942	SPST or ( single pole single throw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/12 09:14
S37	7	(S35 with S36) and multiplex\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 10:19
S38	1715964	(integrated adj circuit) or IC	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 10:20
S40	19	S38 and ((interface with (analog adj signal))and multiplex\$3 same (switch adj matrix))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/12 12:11
S41	1716785	(integrated adj circuit) or IC	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/14 16:12
S42	323	S41 and interface and (analog adj signal) and multiplex\$3 and (switch adj matrix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/14 16:12

## EAST Search History

S49	6	(IC or (integrated adj circuit)) same analog same (switch adj matrix) same multiplexe\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/17 13:38
S50	1745	first with interface with analog with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/17 13:38
S51	1586	second with interface with analog with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/17 13:39
S52	43972	third with interface withselect with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 17:03
S53	354	S50 and S51 and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/17 13:46
S57	62	(switch near2 matrix) with multiplex\$3 with interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/17 13:46
S60	5	S53 and (switch near2 matrix) and multiplex\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 12:39

## EAST Search History

S61	1746	first with interface with analog with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 09:00
S62	1586	second with interface with analog with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 09:16
S63	44011	third with interface withselect with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 09:00
S64	354	S61 and S62 and S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 09:00
S65	8	S64 and (switch near2 matrix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 09:00
S66	9608	switch adj matrix	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 12:41
S67	3589	S66 and multiplex\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 12:41

## EAST Search History

S68	2116	S67 and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 12:42
S69	681	S68 and (analog near2 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 12:44
S70	392	S69 and ((integrated adj circuit) or IC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 12:44
S71	19	("20020082044"   "20030050055"   "20030062922"   "20030154357"   "20030158954"   "20030216927"   "20040029575"   "20040063425"   "20040093589"   "20040127202"   "20050059427"   "5068823"   "5687325"   "5874834"   "6072994"   "6546261"   "6724220"   "6781408"   "7073158").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/18 15:52
S72	9608	switch adj matrix	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 15:53
S73	3589	S72 and multiplex\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 15:53
S74	2116	S73 and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 15:53

## EAST Search History

S75	681	S74 and (analog near2 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 15:53
S76	392	S75 and ((integrated adj circuit) or IC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 15:56
S78	8	S76 and SPST	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 16:03
S79	19	(switch adj matrix) and SPST and analog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 16:11
S80	3672	(370/532-540,547).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/18 16:12
S81	2762	S80 and @ad<"20040413"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/18 16:14
S83	38	S80 and (switch near2 matrix) and interface and analog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 16:29

## EAST Search History

S84	1746	first with interface with analog with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 17:04
S85	1586	second with interface with analog with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 17:04
S86	44011	third with interface withselect with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 08:33
S87	354	S84 and S85 and S86	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 17:04
S88	5	S87 and (switch adj matrix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/18 17:24
S89	1150	S84 and S85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/18 17:24
S90	13	S89 and (switch adj matrix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 17:42

## EAST Search History

S92	25	(switch near2 matrix) same multiplex\$3 same logic same (ic integrated adj circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 08:35
S93	213	third with interface with select with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 08:43
S94	1746	first with interface with analog with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 08:35
S95	1586	second with interface with analog with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 08:35
S96	1150	S94 and S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 08:35
S97	1681	(switch near2 matrix) and multiplex\$3 and logic and (ic integrated adj circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 08:36
S98	10	S95 and S96 and S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 08:36



## EAST Search History

S99	214	third with interface with (select or choose or elect) with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 08:46
S10 0	6	S93 and S94 and S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 08:54
S10 4	8	(configuration adj logic) same (switch adj matrix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 08:09
S10 5	87	(switch adj matrix) near multiplex\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 08:10
S10 6	266	(switch adj matrix) near3 multiplex\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 08:41
S10 7	68	(switch adj matrix) near3 multiplex\$3 and analog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 15:24
S10 8	41	((DOUGLAS) near2 (YOUNGBLOOD)).INV.	US-PGPUB; USPAT	OR	OFF	2007/09/20 12:33
S12 1	35	(switch adj matrix) and multiplex\$3 and ADDR and decoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 13:30

## EAST Search History

S12 2	77	(switch\$3 adj matrix) and multiplex\$3 and ADDR and (decoder or DEC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 11:48
S12 3	18	(switch\$3 adj matrix) and multiplex\$3 same (decoder or DEC) and ADDR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 12:30
S12 4	454	distribut\$3 with analog with signal with multiplex\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 12:58
S12 5	2274	select\$3 with configura\$5 with multiplexe\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 12:43
S12 6	228	address\$3 with multiplexe\$2 with select\$2 with configura\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 12:58
S12 7	410	coupl\$3 with select\$2 with multiplex\$2 with analog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 12:39
S12 8	4	S124 and S125	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 12:41

## EAST Search History

S12 9	228	S125 and S126	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 12:49
S13 0	91	(address\$3 with multiplexe\$2 with select\$2 with configura\$5) and distribut\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 12:46
S13 1	880	(distribut\$3 or allocate or assign or send ) with analog with signal with multiplex\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 12:59
S13 3	12	S131 and S127	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 12:49
S13 5	271	((distribut\$3 or allocate or assign or send )near6 analog near3 signal near6 multiplex\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 13:02
S13 6	33	(address\$3 near5 multiplexe\$2 with select\$2 near4 configura\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 13:02
S13 7	0	((distribut\$3 or allocate or assign or send )near6 analog near3 signal near6 multiplex\$3) and (address\$3 near8 multiplexe\$2 with select\$2 near7 configura\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 13:03

## EAST Search History

S13 8	13	(switch adj matrix) and multiplex\$3 and ADDR and decoder and analog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/23 10:46
S13 9	3	distribut\$3 pluralit\$2 analog signal (into or among) multiplexer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/09/22 14:10
S14 0	163	(plurality near3 multiplexers near3 group)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 16:12
S14 1	4	(plurality near3 multiplexers near3 group) and (common near5 signal near3 multiplexer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 15:31
S14 2	63	( multiplexers near3 group) and (common near5 signal near3 multiplexer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 15:32
S14 3	35	( multiplexers near3 group) and (common near5 signal near3 multiplexer) and (coupl\$3 with signal with multiplexer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 15:34
S14 4	10	( multiplexers near3 group) and (common near5 signal near3 multiplexer) and (coupl\$3 with signal with multiplexer) and (address near3 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 15:51

## EAST Search History

S14 5	25	S143 not S144	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 15:51
S14 6	15	(Divide near3 multiplexers near3 group)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 16:22
S14 7	4	(Divide with multiplexers with group) and (common with signal with multiplexer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/22 16:14
S15 3	12	(switch adj matrix) and multiplex\$3 and decoder and (SPST or ((single adj pole) near (single adj throw)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/23 11:30
S15 4	1760	(first with decoder with receiv\$3 signal) and ( second with decoder with receiv\$3 with address\$3 with signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/23 11:33
S15 5	1555	(first with decoder with receiv\$3 with signal) and ( second with decoder with receiv\$3 with address\$3 with signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/23 11:33
S15 7	5	(first with decoder with receiv\$3 with signal) and ( second with decoder with receiv\$3 with address\$3 with signal)and ( logic with coupl\$3 with first with second with decoder with control\$3 with switch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/23 11:36

## EAST Search History

S15 8	2	("4878215").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/23 13:14
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